

# SAC-3P- 3,0-534/A-1L-V 230V - Sensor/actuator cable



1453724

<https://www.phoenixcontact.com/us/products/1453724>

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Sensor/actuator cable, 3-position, PVC, black, free cable end, on Valve connector A, with 1 LED



## Commercial data

Item number	1453724
Packing unit	1 pc
Minimum order quantity	50 pc
Note	Made to order (non-returnable)
Product key	AF1DAA
GTIN	4046356554695
Weight per piece (including packing)	165.8 g
Weight per piece (excluding packing)	159.8 g
Country of origin	PL

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## Technical data

### Product properties

Product type	Sensor/actuator cable with valve connector
Number of positions	3

### Insulation characteristics

Overvoltage category	III
Degree of pollution	3

### Connection data

#### Conductor connection

Tightening torque	0.6 Nm
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### Electrical properties

Nominal voltage $U_N$	230 V AC
	230 V DC
Nominal current $I_N$	4 A

### Connector

#### Connection 1

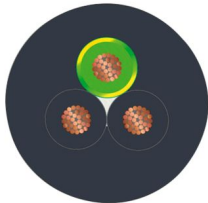
Type	free cable end
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#### Connection 2

Type	Valve connector A
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### Cable/line

PVC, 0.75 mm<sup>2</sup>, black [534]

Dimensional drawing	
Cable weight	49.1 kg/km
Number of positions	3
Shielded	no
Cable type	PVC, 0.75 mm <sup>2</sup> , black [534]
Conductor structure signal line	24x 0.20 mm
AWG signal line	18
Conductor cross-section	3x 0.75 mm <sup>2</sup>

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Wire diameter incl. insulation	1.7 mm ±0.1 mm
External cable diameter	5.30 mm ±0.2 mm
Outer sheath, material	PVC
External sheath, color	black
Conductor material	Bare Cu litz wires
Material wire insulation	PVC
Single wire, color	black 1, black 2, green/yellow
Overall twist	3 wires, twisted
Max. conductor resistance	26 Ω/km (at 20 °C)
Insulation resistance	min. 20 MΩ*km (at 20 °C)
Nominal voltage, cable	300 V
Test voltage	1200 V
Minimum bending radius, fixed installation	5 x D
Smallest bending radius, fixed installation	27 mm
Flame resistance	DIN VDE 0482
	DIN EN 50265-2-1
	in acc. to UL VW1
Resistance to oil	in accordance with DIN EN 60811-2-1
Ambient temperature (operation)	-40 °C ... 80 °C (cable, fixed installation)
	-5 °C ... 80 °C (Cable, flexible installation)

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP65
	IP67

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## Approvals

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 <b>CSA</b> Approval ID: 13631				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
keine				
	230 V	4 A	-	-

 <b>CSAus</b> Approval ID: 13631				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
keine				
	230 V	4 A	-	-

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## Classifications

### ECLASS

ECLASS-13.0	27060312
ECLASS-15.0	27060312

### ETIM

ETIM 10.0	EC001855
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### UNSPSC

UNSPSC 21.0	31251500
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol(CAS: 119-47-1)
SCIP	93fb062c-5a95-4584-9166-d8d3dc475f03

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